

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 20401-WO10	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/DK2004/000844	International filing date (day/month/year) 03/12/2004	(Earliest) Priority Date (day/month/year) 03/12/2004
Applicant LIFECYCLE PHARMA A/S		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000844

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/14 A61K9/16 A61K47/02 A61K31/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2003/083309 A1 (C.M. ADEYEYE ET AL.) 1 May 2003 (2003-05-01)</p> <p>claims examples 3,4 paragraphs '0023!, '0027!, '0028!, '0030!, '0032! - '0039! figures 3,4 tables 2,4</p> <p style="text-align: center;">----- -/-</p>	<p>1-15, 23, 30, 31, 44-57</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

S document member of the same patent family

Date of the actual completion of the international search

22 August 2005

Date of mailing of the international search report

15/09/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000844

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 99/39700 A (VECTORPHARMA S.P.A., TRIESTE (IT)) 12 August 1999 (1999-08-12)</p> <p>claims 1-4, 6, 12-14, 19, 20 page 4, line 7 - line 9 page 12, line 22 - line 23 page 14, line 16 page 41, line 27 - page 42, line 11</p>	<p>1-15, 23, 30, 31, 36-38, 43-46, 48-57</p>
X	<p>WO 96/00567 A (EASTMAN KODAK) 11 January 1996 (1996-01-11)</p> <p>claims 1, 7, 8 page 4, line 26 - line 32 page 5, line 8 - line 9 page 8, line 14 - line 17 page 10, line 6 - line 23 page 11, line 4 - line 16 examples 5, 6</p>	<p>1-9, 11, 12, 30, 31, 43-45, 48, 49, 51-57</p>
X	<p>US 5 302 401 A (G.G. LIVERSIDGE ET AL.) 12 April 1994 (1994-04-12)</p> <p>claims examples column 4, line 56 - line 61 column 6, line 3 - line 6</p>	<p>1-9, 11, 12, 30, 31, 43-45, 48-57</p>
X	<p>WO 03/082247 A (TEVA) 9 October 2003 (2003-10-09)</p> <p>claims page 6, line 1 - line 21 page 7, line 19 - page 8, line 19 page 5, line 1 - line 9 examples</p>	<p>1-9, 11, 12, 29-31, 39-41, 43-49, 51-57</p>
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; YAZAKI, TAKASHI ET AL: "Sustained-release danazol oral preparations" XP002341631 retrieved from STN Database accession no. 122:17243 abstract</p>	<p>1-15, 23, 30, 31, 36-38, 43-46, 48, 49, 51-57</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>& JP 06 256193 A2 (TOKYO TANABE CO, JAPAN) 13 September 1994 (1994-09-13)</p> <p>-----</p> <p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; YAZAKI, TAKASHI ET AL: "Bioavailability-improved danazol preparations containing surfactants" XP002341632 retrieved from STN Database accession no. 114:214473 abstract & JP 02 282330 A2 (TOKYO TANABE CO., LTD., JAPAN) 19 November 1990 (1990-11-19)</p> <p>-----</p>	<p>1-9, 11-15, 23,30, 31,36, 37, 43-46, 48,49, 51-57</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000844

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003083309	A1	01-05-2003	NONE	
WO 9939700	A	12-08-1999	IT MI980234 A1 AU 747129 B2 AU 2723899 A BR 9907683 A CA 2319565 A1 WO 9939700 A1 EP 1051160 A1 JP 2002502813 T	06-08-1999 09-05-2002 23-08-1999 14-11-2000 12-08-1999 12-08-1999 15-11-2000 29-01-2002
WO 9600567	A	11-01-1996	US 5587143 A AT 205080 T AU 696655 B2 AU 2824095 A CA 2193503 A1 DE 69522584 D1 DE 69522584 T2 DK 804162 T3 EP 0804162 A1 ES 2162925 T3 FI 965234 A IL 114354 A JP 10502341 T NO 965455 A PT 804162 T TW 411276 B WO 9600567 A1	24-12-1996 15-09-2001 17-09-1998 25-01-1996 11-01-1996 11-10-2001 11-07-2002 07-01-2002 05-11-1997 16-01-2002 27-12-1996 20-06-1999 03-03-1998 18-12-1996 28-02-2002 11-11-2000 11-01-1996
US 5302401	A	12-04-1994	NONE	
WO 03082247	A	09-10-2003	AU 2003226021 A1 CA 2480377 A1 EP 1487416 A2 WO 03082247 A2 US 2003224059 A1	13-10-2003 09-10-2003 22-12-2004 09-10-2003 04-12-2003
JP 6256193	A2	13-09-1994	JP 6256193 A	13-09-1994
JP 2282330	A2	19-11-1990	JP 2282330 A JP 2773895 B2	19-11-1990 09-07-1998

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